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Board of Public Education 2006 Iowa Test Results November 2006

In 2006, as in 2001 - 2005, Montana students demonstrated high achievement on the Iowa Tests. Science continues to be the subject in which students in all grades and most subgroups score highest. Grades four and eleven scores continue to be slightly higher than grade eight scores. In addition, the results are relatively stable for the six year testing period across the state and within subgroups. The number and range of increases and decreases in the National Percentile Rank (NPR) for grades, subjects, and subgroups are small as are the increases and decreases in differences between subgroups.

This introduction is intended to give a preview of the results, a broad view of the student groups in Montana, and a comparison of the test results for 2001 - 2006. It is recognized that different students participated in the testing each year.

2006 National Percentile Rank (NPR) Snapshots

- Montana students in grade 4 scored 68% or above in all subjects. The highest score, 72% was in Science and in Math; the lowest score, 68%, was in Language Arts.
- Montana students in grade 8 scored 57% or above in all subjects. The highest score, 64%, was in Science; the lowest score, 57% was in Language Arts.
- Montana students in grade 11 scored 59% or above in all subjects. The highest score, 68%, was in Science; the lowest score, 59%, was in Language Arts.

Student Groups

- Students with disabilities:
 - Grade 4 students increased their average NPRs in Reading from 32% in 2001 to 40% in 2006.
- American Indian Students
 - Grade 4 American Indian students increased their average NPRs in
 - Reading from 44% in 2001 to 50% in 2006.
 - Mathematics from 40% in 2001 to 53% in 2006.
 - Science from 50% in 2001 to 53% in 2006.
- Students with Limited English Proficiency
 - Grade 4 students increased their average NPRs in
 - Reading from 27% in 2002 to 34% in 2006.
 - Language Arts from 27% in 2002 to 32% in 2006.
 - Math from 29% in 2002 to 40% in 2006.
 - Science from 35% in 2002 to 39% in 2006.

- Grade 8 students increased their average NPRs
 - In Reading from 22% in 2002 to 25% in 2006.
 - In Mathematics from 24% in 2002 to 28% in 2006.

Table 1

- National Percentile Rank Changes from 2001 - 2006: Iowa Test Results Disaggregations
- Shows scores increases and decreases for each grade, subject, and disaggregation. The information for differences between 2005 and 2006 is color-coded:
 - Orange = Score increase of 3 or more percentage points
 - Yellow = Score increase 😊
 - No Color = No Change
 - Blue = Score Decrease ☹
 - Purple = Score decrease of 3 or more percentage points

Table 1: National Percentile Rank Changes from 2001-2006 Iowa Test Results Disaggregations

	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.
Grade	4	4	4	4	4	8	8	8	8	8	11	11	11	11	11
All Students 01	66%	68%	62%	67%	71%	60%	57%	57%	62%	64%	66%	62%	61%	66%	70%
All Students 02	66%	67%	62%	68%	69%	60%	57%	58%	60%	64%	67%	62%	61%	67%	71%
All Students 03	67%	68%	64%	69%	70%	59%	57%	59%	59%	64%	67%	61%	62%	66%	70%
All Students 04	68%	70%	66%	70%	71%	60%	58%	60%	60%	65%	67%	61%	62%	65%	71%
All Students 05	70%	69%	71%	70%	71%	60%	58%	61%	59%	64%	66%	60%	62%	63%	69%
All Students 06	70%	68%	72%	70%	72%	59%	57%	60%	59%	64%	65%	59%	61%	62%	68%
Without Disabilities 01	69%	71%	66%	70%	72%	64%	60%	60%	65%	67%	69%	64%	64%	69%	72%
Without Disabilities 02	69%	70%	65%	71%	71%	64%	61%	62%	63%	68%	70%	65%	64%	69%	73%
Without Disabilities 03	70%	71%	67%	71%	72%	63%	61%	63%	62%	67%	70%	64%	65%	69%	73%
Without Disabilities 04	72%	72%	69%	72%	73%	64%	62%	64%	63%	68%	71%	65%	65%	68%	73%
Without Disabilities 05	73%	72%	74%	72%	73%	64%	62%	64%	63%	68%	70%	63%	65%	67%	72%
Without Disabilities 06	73%	72%	75%	72%	74%	64%	61%	64%	63%	68%	69%	62%	65%	66%	71%
With Disabilities 01	32%	33%	31%	41%	50%	25%	26%	25%	26%	36%	26%	27%	26%	32%	32%
With Disabilities 02	32%	31%	31%	42%	46%	25%	22%	23%	32%	34%	28%	28%	26%	32%	34%
With Disabilities 03	34%	35%	35%	46%	51%	25%	22%	24%	32%	35%	29%	28%	28%	32%	34%
With Disabilities 04	38%	39%	40%	48%	55%	28%	25%	27%	35%	37%	29%	27%	26%	32%	34%
With Disabilities 05	39%	38%	46%	49%	55%	26%	23%	28%	33%	34%	27%	25%	25%	29%	31%
With Disabilities 06	40%	36%	43%	46%	53%	25%	23%	25%	32%	34%	27%	25%	27%	29%	31%
Female 01	67%	72%	60%	66%	70%	60%	62%	58%	62%	65%	68%	69%	60%	69%	72%
Female 02	67%	71%	61%	67%	68%	62%	64%	59%	60%	66%	69%	69%	61%	69%	73%
Female 03	68%	72%	63%	69%	70%	57%	64%	60%	59%	66%	70%	69%	62%	69%	73%
Female 04	69%	73%	65%	69%	70%	61%	64%	60%	59%	66%	69%	68%	61%	67%	72%
Female 05	70%	73%	70%	69%	70%	62%	64%	62%	60%	66%	69%	67%	62%	67%	71%
Female 06	71%	72%	71%	69%	71%	61%	63%	61%	60%	66%	69%	67%	61%	66%	71%
Male 01	66%	64%	62%	70%	72%	60%	52%	57%	63%	63%	64%	55%	62%	64%	67%
Male 02	65%	63%	63%	69%	70%	59%	50%	57%	59%	63%	65%	55%	62%	65%	68%
Male 03	66%	63%	64%	70%	70%	62%	49%	58%	58%	62%	65%	54%	63%	63%	68%
Male 04	68%	66%	67%	71%	72%	59%	52%	60%	60%	64%	66%	55%	63%	62%	69%
Male 05	69%	65%	72%	71%	72%	58%	51%	60%	59%	62%	64%	53%	62%	60%	67%
Male 06	70%	65%	73%	72%	73%	58%	50%	59%	59%	63%	63%	51%	61%	59%	64%

	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.
Grade	4	4	4	4	4	8	8	8	8	8	11	11	11	11	11
American Indian 01	44%	49%	40%	48%	50%	36%	41%	33%	35%	42%	41%	42%	41%	46%	51%
American Indian 02	44%	48%	40%	48%	49%	35%	35%	32%	39%	41%	41%	43%	39%	46%	48%
American Indian 03	44%	46%	41%	47%	48%	37%	38%	36%	41%	43%	40%	42%	40%	44%	46%
American Indian 04	48%	53%	46%	50%	52%	38%	39%	37%	41%	43%	40%	42%	39%	43%	47%
American Indian 05	49%	51%	52%	51%	51%	37%	39%	38%	40%	43%	38%	38%	39%	41%	43%
American Indian 06	50%	49%	53%	51%	53%	37%	38%	37%	39%	42%	38%	39%	41%	42%	45%
White 01	69%	70%	66%	71%	73%	64%	59%	60%	65%	67%	69%	63%	63%	68%	71%
White 02	69%	70%	65%	71%	72%	64%	60%	62%	63%	68%	70%	64%	63%	69%	72%
White 03	70%	70%	67%	72%	73%	63%	60%	63%	62%	67%	70%	64%	65%	68%	73%
White 04	71%	72%	69%	72%	74%	63%	60%	63%	63%	68%	70%	64%	64%	67%	73%
White 05	73%	71%	74%	73%	74%	63%	61%	64%	63%	67%	70%	62%	64%	66%	71%
White 06	73%	71%	74%	73%	75%	63%	60%	63%	63%	67%	69%	61%	64%	65%	70%
Free/Reduced Lunch 01	54%	57%	51%	57%	59%	47%	48%	45%	47%	53%	51%	49%	49%	54%	58%
Free/Reduced Lunch 02	53%	55%	50%	57%	58%	47%	44%	45%	48%	53%	52%	49%	48%	54%	58%
Free/Reduced Lunch 03	54%	56%	53%	58%	60%	46%	44%	45%	47%	52%	53%	50%	61%	54%	59%
Free/Reduced Lunch 04	57%	59%	55%	60%	61%	48%	46%	48%	49%	55%	53%	49%	48%	52%	58%
Free/Reduced Lunch 05	59%	59%	62%	60%	62%	47%	46%	48%	48%	53%	51%	48%	49%	51%	56%
Free/Reduced Lunch 06	58%	56%	61%	59%	62%	46%	45%	47%	47%	53%	49%	46%	49%	49%	54%
Limited English Prof 02*	27%	35%	29%	32%	35%	22%	27%	24%	30%	32%	32%	36%	34%	38%	40%
Limited English Prof 03*	27%	31%	29%	30%	33%	21%	25%	21%	29%	29%	30%	35%	36%	38%	41%
Limited English Prof 04*	32%	39%	37%	35%	41%	24%	29%	26%	32%	30%	28%	34%	32%	34%	37%
Limited English Prof 05*	31%	36%	37%	33%	35%	22%	27%	25%	27%	30%	27%	30%	34%	33%	35%
Limited English Prof 06*	34%	36%	40%	33%	39%	25%	32%	28%	29%	30%	23%	29%	32%	31%	33%

*2001 Limited English Proficiency data are incomplete.